

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|--|------------------|---------|------------------|
| L1 | 2460 | 375/130,135,146,268,279,295,300,353.CCLS. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/13 17:56 |
| L2 | 2622 | 370/442,483,498,532,537,538,539,540,541.ccls. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/13 17:56 |
| L3 | 5054 | 1 or 2 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/13 17:57 |
| L4 | 39 | 3 and ultra and (slot or frame) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/13 17:57 |
| S1 | 32 | tdma with frame with mac | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/12 10:40 |
| S2 | 14 | (tdma with frame with mac) and modulation | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/10 17:36 |
| S3 | 8 | (ohki near masahiro).in. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/10 18:09 |
| S4 | 0 | nec.as. and mac and modualtion | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/10 18:09 |
| S5 | 354 | nec.as. and mac | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/10 18:10 |
| S6 | 10 | nec.as. and mac and modulation | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/10 18:13 |
| S7 | 5 | (tdma with frame) same (different near modulation) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/10 18:15 |
| S8 | 1683 | mac near layer | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/10 18:13 |

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| S9 | 251 | (tdma with frame) same modulation | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/10 18:15 |
| S10 | 14 | mac and S9 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/10 18:28 |
| S11 | 2 | ("6603818").PN. | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/10 18:29 |
| S12 | 0 | tdma and S11 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/10 18:29 |
| S13 | 2 | (US-6310865-\$ or US-6275544-\$). did. | USPAT | OR | OFF | 2004/11/10 18:30 |
| S14 | 1 | S13 and ultra | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/10 18:31 |
| S15 | 2 | (tdma with frame) and (ultra near wide\$5) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/10 18:32 |
| S16 | 27 | (tdma) and (ultra near wide\$5) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/10 18:33 |
| S17 | 38 | ((("3678204") or ("3728632") or ("4201892") or ("4586177") or ("4641317") or ("4887266") or ("4979186") or ("5146616") or ("5253202") or ("5274271") or ("5307079") or ("5319218") or ("5355374") or ("5363108") or ("5473668") or ("5537414") or ("5546022") or ("5627829") or ("5644576"))).PN. | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/12 10:42 |
| S18 | 7 | S17 and ultra | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/12 10:42 |
| S19 | 7 | S17 and ultra\$5 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/12 10:45 |

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| S20 | 2 | ("5146616").PN. | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/12 10:48 |
| S21 | 37 | ((("5677927") or ("5687169") or ("5687200") or ("5742592") or ("5790551") or ("5815537") or ("5832035") or ("5901172") or ("5909469") or ("5926501") or ("5940452") or ("5952956") or ("5953344") or ("5960000") or ("5970062") or ("5977822") or ("6014374") or ("6031862") or ("6055411"))).PN. | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/12 10:49 |
| S22 | 12 | S21 and ultra\$5 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/12 10:55 |
| S23 | 36 | ((("6091717") or ("6094464") or ("6097707") or ("6178217") or ("6226277") or ("6243583") or ("6246377") or ("6246702") or ("6275500") or ("6275544") or ("6278713") or ("6285662") or ("6285873") or ("6347084") or ("6385461") or ("6449265") or ("6519460") or ("6539213"))).PN. | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/12 10:55 |
| S24 | 3 | ultra\$5 and S23 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/12 10:58 |
| S25 | 250 | ultra\$5 and tdma and modulation | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/12 11:00 |
| S26 | 10366 | (slot or frame) same modulation | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/12 11:00 |
| S27 | 11913 | (slot or frame) same modulation | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/12 11:00 |
| S28 | 252 | ultra\$5 and tdma and modulation | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/12 11:00 |
| S29 | 69 | S27 and S28 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/12 13:22 |

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| S30 | 188 | tdma and (frame or slot) and ultra\$5 and modulation | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/12 13:23 |
| S32 | 20 | tdma and (frame or slot) and ultra\$5 and modulation and mac | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/12 13:27 |
| S33 | 78 | tdma and ((frame or slot) with modulation) and mac | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/12 13:31 |
| S34 | 0 | tdma and ((frame or slot) with ultra\$5) and mac | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/12 13:38 |
| S38 | 15 | tdma and ((frame or slot) same ultra\$5) and mac | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/12 13:40 |
| S39 | 14 | (ultra near wide) and tdma | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/12 13:46 |
| S40 | 1043 | wide same pulse same (frame or slot) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/12 13:46 |
| S43 | 48 | S40 and tdma | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/12 14:01 |
| S44 | 0 | (ultra near wide) and tdma and mac and modulation | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/12 14:02 |
| S45 | 12 | (ultra near wide) and tdma and modulation | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/12 14:03 |
| S46 | 2 | (modulat\$4 same (slot or frame)) and ((ultra near wide) or ultrawide) and mac | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/12 14:11 |
| S47 | 656 | (modulat\$4 same (slot or frame)) and mac | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/12 14:11 |

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| S48 | 238 | (modulat\$4 same (slot or frame)) and mac and tdma | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/12 14:12 |
| S49 | 87 | S48 and (modulation with techniques) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/12 14:12 |
| S50 | 4 | uwb same (different with modulation) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/12 15:39 |
| S51 | 4 | uwb same (different with modulation) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/12 15:55 |
| S52 | 0 | 9/685,205 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/12 15:57 |
| S53 | 13 | uwb and tdma | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/12 16:24 |
| S54 | 2 | ("6603818").PN. | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/12 16:25 |
| S55 | 2 | (time or slot or frame) and S54 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/12 16:29 |
| S56 | 2 | ("5146616").PN. | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/12 16:28 |
| S57 | 1 | (time or slot or frame) and S56 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/13 15:40 |
| S58 | 56 | ((liebetreu near john) or (eric near bronbaugh) or (bruce near cochran) or (ronald near mccallister)).in. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/13 15:40 |
| S59 | 0 | S58 and uwb | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/13 15:41 |

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| S60 | 0 | S58 and ultra | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/13 15:41 |
| S61 | 28 | S58 and wide | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/13 15:41 |
| S62 | 4 | S58 and (wide near band) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/13 15:42 |
| S63 | 0 | sicom.as. and uwb | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/13 15:42 |
| S64 | 0 | sicom.as. and (ultra) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/13 15:42 |
| S65 | 6 | sicom.as. and impulse | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/13 15:43 |
| S66 | 3 | tdm and uwb | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/13 15:44 |
| S67 | 325 | tdm and ultra | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/13 15:44 |
| S68 | 25 | tdm and (ultra near wide\$5) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/13 15:45 |
| S69 | 24 | (tdm or tdma) and (frame or slot) and (ultra near wide\$5) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/13 15:58 |
| S70 | 73 | hughes.as. and (slot or frame) and ultra | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/13 15:58 |
| S71 | 3 | hughes.as. and (slot or frame) and (ultra near wide\$5) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/13 15:59 |

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| S72 | 13 | hughes.as. and (ultra near wideband) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/13 16:04 |
| S73 | 2402 | pulse with (ultra) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/13 16:05 |
| S74 | 16 | S73 with (slot or frame) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/13 16:08 |
| S75 | 1116 | ultra near (wideband or (wide near2 band)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/13 16:14 |
| S76 | 1205 | uwb or S75 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/13 16:08 |
| S77 | 2388254 | slot or frame or (time near division) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/13 16:08 |
| S78 | 254 | S76 and S77 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/13 16:09 |
| S79 | 9 | mac and S78 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/13 16:13 |
| S80 | 1 | (media near control) and S78 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/13 16:14 |
| S81 | 45 | (tdm or tdma) and S75 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/13 16:32 |
| S82 | 2 | ("5146616").PN. | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/13 16:32 |
| S83 | 0 | mac and S82 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/13 16:33 |

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| S84 | 0 | medium and S82 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/13 16:33 |
| S85 | 11 | (US-5146616-\$ or US-6275544-\$ or US-6310865-\$ or US-6549567-\$ or US-6597683-\$ or US-6735238-\$ or US-6735734-\$ or US-6763032-\$ or US-6788730-\$ or US-4177510-\$).did. or (WO-200201735-\$).did. | USPAT; DERWENT | OR | OFF | 2004/11/13 16:40 |
| S86 | 7 | mac and S85 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/13 17:05 |
| S87 | 28 | ultra same mac | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/13 16:45 |
| S88 | 2 | ("6735734").PN. | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/13 17:06 |
| S89 | 2 | pulse and S88 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/13 17:06 |
| S90 | 2 | ("6735238").PN. | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/13 17:06 |
| S91 | 4 | S88 or S90 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/13 17:06 |
| S92 | 4 | S91 and pulse | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/13 17:56 |